

55 001

Historical File Copy

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA



Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Memorandum

Vol. 8, No. 9

Price \$1.00 per year

PIPE LINES (OIL) STATISTICS

September, 1958

Deliveries of oil through Canadian pipelines during September continued to decline, dropping 4.5 p.c. to 20,650,834 barrels from 21,617,304 in 1957, and were 10.8 p.c. below the 23,141,064 barrels recorded last month. This decrease was mainly due to a continued drop in exports which amounted to only 1,785,579 barrels in September, 51.9 p.c. below last year's total of 3,716,463 barrels. The daily average of 688,361 barrels compares with 720,577 last year and 746,486 last month. The average length of haul declined to 231.6 miles from 268.6 in 1957 and 245.1 in the previous month. Barrel miles dropped to 7,237 million, a new low for the year, and compare with 8,555 in 1957, and 8,270 in August.

For the first nine months of the year, total net deliveries from both gathering and trunk lines amounted to 202,531,197 barrels a decrease of 9.3 p.c. from the 223,329,776 barrels recorded for the same nine months of 1957. Provincial deliveries, in barrels, for the period were as follows (1957 data in brackets): British Columbia 23,105,355 (47,557,811); Alberta 12,554,529 (10,312,539); Saskatchewan 12,254,089 (13,415,527); Manitoba 66,081,262 (57,528,849); Ontario 30,986,686 (32,905,660); and Quebec 57,549,276 (61,609,390). Included in Manitoba deliveries were 58,141,896 barrels (49,667,394) transferred to the Lakehead Pipe Line Company at Gretna, the bulk of which moved through the United States destined to Ontario refineries. Exports via pipe line are shown in a footnote to table 4.

Gathering systems handled an average of 411,799 barrels per day in September, down 3.18 p.c. from the 425,364 barrels reported last year, and a 2.27 p.c. decrease from 421,401 barrels reported last month. Trunk lines averaged 1,041,476 barrels per day as against 1,057,120 barrels one year ago and 1,088,407 barrels last month.

Net receipts during September totalled 21,259,809 barrels, a decrease of 5.9 p.c. from 22,604,390 barrels last year and 6.5 p.c. below last month's total of 22,747,623. Comprising September receipts were 8,281,926 barrels of Alberta crude and 42,616 barrels of Alberta natural gasoline, 3,566,304 barrels of Saskatchewan crude, 467,468 barrels of Manitoba crude, 5,874,903 barrels of imported crude and 3,026,592 barrels of refinery products.

Employment and wages were down from the previous year, showing 1,664 employees earning \$794,781 as against 1,739 earning \$820,379. Last month there were 1,690 employees and a payroll of \$787,655.

Operating revenues for the nine months ended September 30, decreased 17 p.c. to a total of \$56,984,697 from \$68,666,898 in the corresponding period in 1957.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo-Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data of the activities of these companies have been included in all other applicable Section of the report.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

8504-508-98

Net totals given in Table 5 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first nine months of 1958, per table 6	335,701,122
Received into Trunk Lines from other Canadian Pipe Lines	129,577,699
"Net Received" into Canadian Pipe Line Systems	206,123,423
"Net Received" into Trunk Systems per table 1	94,492,907
"Net Received" into Gathering Systems per table 2	111,630,515
Total Delivered out of Systems - all companies -	
during first nine months of 1958, per table 6	338,035,591
Delivered to other Canadian Pipe Lines	136,404,394
"Net Delivered" from Canadian Pipe Line Systems	202,531,197
"Net Delivered" from Trunk Systems per table 1	201,048,959
"Net Delivered" from Gathering Systems per table 2	1,482,238

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for September and are given herewith.

OIL BALANCE - ALL COMPANIES - SEPTEMBER 30, 1958

	Barrels	
Total Shippers Balances - January 1, 1958	10,141,516	
Total Carriers Balances - January 1, 1958	1,069,013	11,210,529
Received into Gathering Systems January 1 to September, 1958	115,540,789	
Received into Trunk Systems January 1 to September 30, 1958	296,957,820	412,498,609
Total oil accountable for period		423,709,138
Delivered from Gathering Systems January 1 to September 30, 1958	115,639,485	
Delivered from Trunk Systems January 1 to September 30, 1958	296,183,649	411,823,134
Balance to be accounted for at September 30, 1958		11,886,004
Oil consumed as fuel and losses January 1 to September 30, 1958 ..		261,835
Balance on hand - September 30, 1958		11,624,168
Total Shippers Balances - September 30, 1958	10,525,883	
Total Carriers Balances - September 30, 1958	1,098,283	

The Interprovincial Pipe Line Company operates some 1,600 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. This short line was extended in the fall of 1957 to Clarkson, Ontario. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia and Clarkson via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations, oil carried by these short sections is not included in Canadian oil pipe line statistics. However, commencing with April this year the barrel mile performance of these sections has been included with the total barrel miles shown in tables five and six. A summary of oil delivered by these two lines at Sarnia and Clarkson follows:

Month	Interprovincial Pipe Line Company		Sun Pipe Line Company
	Crude Oil Delivered at		Crude and Refined Oil
	Sarnia	Clarkson and Port Credit	Delivered at Sarnia
	Barrels	Barrels	Barrels
September, 1957	2,640,513	108,554	461,887
August, 1958	3,353,871	1,232,353	151,276
September, 1958	3,089,817	851,284	126,631

TABLE 1

OIL⁴ CARRIED BY PIPE LINES - TRUNK

	September 1958	August 1958	September 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	31,618,784	33,385,785	32,125,128	296,957,820
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	7,876,918	8,215,739	7,963,931	72,887,214
3. Other pipe lines - Gathering	5,454,282	5,683,134	5,504,580	49,503,411
4. Trunk	8,763,892	9,185,045	8,812,448	80,074,288
5. Net Received (6+7+8)	9,523,692	10,301,867	9,844,169	94,492,907
6. Originating on own trunk lines	3,363,864	3,695,246	3,507,711	34,259,237
7. Received from foreign pipe line connections	5,874,903	6,274,050	5,884,249	57,572,762
8. Received from other carriers (rail & truck)	284,925	332,571	452,209	2,660,908
9. Total Delivered * (10+11)	31,244,280	33,740,617	31,713,636	296,183,649
10. Less: Delivered to other Canadian trunk lines	10,724,460	10,734,689	10,346,482	95,134,690
11. Net Delivered (12+13+14)	20,519,820	23,005,928	21,367,154	201,048,959
12. Terminated on own trunk lines	13,926,934	15,898,514	13,989,872	134,644,098
13. Delivered to foreign pipe line connections	6,553,381	7,068,554	7,233,485	65,957,974
14. Delivered to other carriers (truck, rail & water)	39,505	38,860	143,797	446,887

TABLE 2

OIL⁶ CARRIED BY PIPE LINES - GATHERING

	September 1958	August 1958	September 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	12,314,580	13,039,861	12,760,221	115,540,789
16. Less: Received from other gathering systems	578,463	594,105	-	3,910,273
17. Net Received (18+19)	11,736,117	12,445,756	12,760,221	111,630,516
18. Originating on own gathering system	11,515,122	12,234,788	12,523,208	109,887,055
19. Received from other carriers (rail & truck)	220,995	210,968	237,013	1,743,461
20. Total Delivered * (21+22+23)	12,353,966	13,063,446	12,760,920	115,639,485
Less: Delivered to other pipe lines -				
21. Own Trunk system	7,876,918	8,215,739	7,963,931	72,887,543
22. Other pipe lines	4,346,034	4,712,571	4,546,839	41,269,704
23. Net Delivered (24+25)	131,014	135,136	250,150	1,482,238
24. Terminated on gathering systems	60,758	79,252	101,540	722,650
25. Delivered to other carriers (rail & truck)	70,256	55,884	148,610	759,588

⁴ Includes natural gasoline and refinery products.

* Includes duplications.

⁶ Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		September 1958	August 1958	September ^x 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	8,009,314	8,596,394	9,720,269	78,553,226
"	- Trunk	382,727	389,298	460,984	3,546,890
Saskatchewan	- Gathering	3,259,335	3,364,254	2,519,168	28,639,218
"	- Trunk	306,969	314,671	412,191	2,455,745
Manitoba	- Gathering	467,468	485,108	520,784	4,438,072
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,713,018	1,855,061	1,432,143	19,196,306
Quebec (3)	- Trunk	7,120,978	7,742,837	7,538,851	69,293,966
Net Received	- Gathering	11,736,117	12,445,756	12,760,221	111,630,516
" "	- Trunk	9,523,692	10,301,867	9,844,169	94,492,907
" "	- Total	21,259,809	22,747,623	22,604,390	206,123,423

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		September 1958	August 1958	September 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	1,687,924	2,345,890	4,117,269	23,105,355
Alberta (1)	- Gathering	103,664	118,294	147,281	1,070,397
"	- Trunk	1,289,933	1,727,249	1,049,658	11,484,132
Saskatchewan	- Gathering	27,350	16,842	102,869	411,841
"	- Trunk	1,571,585	1,678,964	1,313,624	11,842,248
Manitoba ⁶	- Trunk	7,140,719	7,619,724	5,911,768	66,081,262
Ontario (2)	- Trunk	2,964,058	3,327,686	3,084,689	30,986,686
Quebec	- Trunk	5,865,601	6,306,415	5,890,146	57,549,276
Net Delivered	- Gathering	131,014	135,136	250,150	1,482,238
" "	- Trunk ⁷	20,519,820	23,005,928	21,367,154	201,048,959
" "	- Total	20,650,834	23,141,064	21,617,304	202,531,197
" "	- Daily average	688,361	746,486	720,577	741,873
⁶	Includes deliveries to U.S. pipe lines, Gretna, Man.	6,232,218	6,639,357	5,009,116	58,141,896
⁷	Includes exports - via Trans Mountain Oil Pipe Line Company via Interprovincial Pipe Line Company	321,163 1,464,416	429,197 1,784,565	2,345,787 1,370,676	7,838,646 15,722,060

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		September 1958	August 1958	September ^x 1957	YEAR TO DATE 1958
Barrels Handled - Daily Average					
Gathering Systems	Barrels	411,799	421,401	425,364	423,588
Trunk Lines	"	1,041,476	1,088,407	1,057,120	1,084,922
Total Barrel Miles (Trunk Lines)	Millions	7,237	8,270	8,555 ⁽⁷⁾	72,062
Average Miles Per Barrel (Trunk Lines)	Miles	231.6	245.1	268.6	243.3
Employees and Earnings (6)					
Average Number (4)	No.	1,664	1,690	1,739	1,693
Total Salaries and Wages	\$	794,781	787,655	820,379	7,020,124
Man-Hours Worked by Wage Earners (5) (6)	Hours	70,559	72,096 ^x	79,211	644,974

(1) Includes natural gasoline and some refinery products.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line, Valley Pipe Line Company, Ltd. and Westspur Pipe Line Company.

(7) Revised to include barrel miles of short sections of line entering Canada at Sarnia (See page 2).

x Revised.

TABLE 5

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

September, 1958

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*				<u>Barrels</u>			
<u>Total Received into System</u>							
This month September, 1958	2,053,961	8,819,466	5,874,903	2,283,126	2,892,196	(2) 13,554,331	35,477,983
This year (9 months)	22,626,630	81,718,104	57,572,762	23,570,320	25,747,742	(3) 124,465,564	335,701,122
<u>Total Delivered out of System</u>							
This month September, 1958	2,073,881	8,956,262	5,865,601	1,687,924	2,904,910	(4) 14,232,750	35,721,328
This year (9 months)	22,629,574	81,251,826	57,549,276	23,105,355	25,761,785	(5) 128,637,775	338,935,591
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month September, 1958	69,129	-	-	-	96,584	246,086	411,799
This year (9 months)	82,892	-	-	-	94,047	246,649	423,588
<u>Trunk Lines</u>							
This month September, 1958	-	298,542	195,520	56,264	96,830	394,320	1,041,476
This year (9 months)	-	297,626	210,803	84,635	94,366	397,492	1,084,922
<u>Total Barrel Miles</u>				<u>Miles</u>			
(Trunk Lines - in millions)							
This month September, 1958	-	4,161	414	1,160	202	1,300	(8) 7,237
This year (9 months)	-	38,292	4,221	15,655	1,790	12,104	(8) 72,062
<u>Average Miles Per Barrel</u>							
(Trunk Lines)							
This month September, 1958	-	447.0	70.6	687.0	69.5	109.9	231.6
This year (9 months)	-	447.0	70.6	678.0	69.5	115.5	243.3
OPERATING REVENUES				<u>Dollars</u>			
Three Months ending Mar. 31, 1958	740,332	6,851,428	692,787	4,022,400	1,195,323	(7) 6,835,979	20,338,249
Six Months ending June 30, 1958	1,272,173	12,788,597	1,330,579	7,032,152	2,345,686	(7) 13,103,607	37,812,794*
Nine Months ending Sept. 30, 1958	1,847,991	19,435,590	2,005,120	10,021,728	3,700,226	(7) 19,974,042	56,984,697
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS				<u>Number</u>			
Number of Employees September, 1958	139	441	53	241	151	(6) 639	1,664
<u>Salaries and Wages</u>				<u>Dollars</u>			
This month September, 1958	64,950	222,649	25,778	123,361	70,177	(6) 287,866	794,781
This year (9 months)	602,204	1,901,885	222,651	1,146,212	638,544	(6) 2,508,628	7,020,124
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>			
This month September, 1958	15,951	445	6,555	-	13,672	(6) 33,936	70,559
This year (9 months)	153,643	4,042	57,740	400	131,101	(6) 298,048	644,974

* Totals include duplication between companies.

x Revised.

(1) See list of reporting companies on page 7.

(2) Includes 3,026,592 bbls. products and 42,616 bbls. natural gasoline.

(3) Includes 31,508,685 bbls. products and 399,032 bbls. natural gasoline.

(4) Includes 3,032,105 bbls. products and 43,357 bbls. natural gasoline.

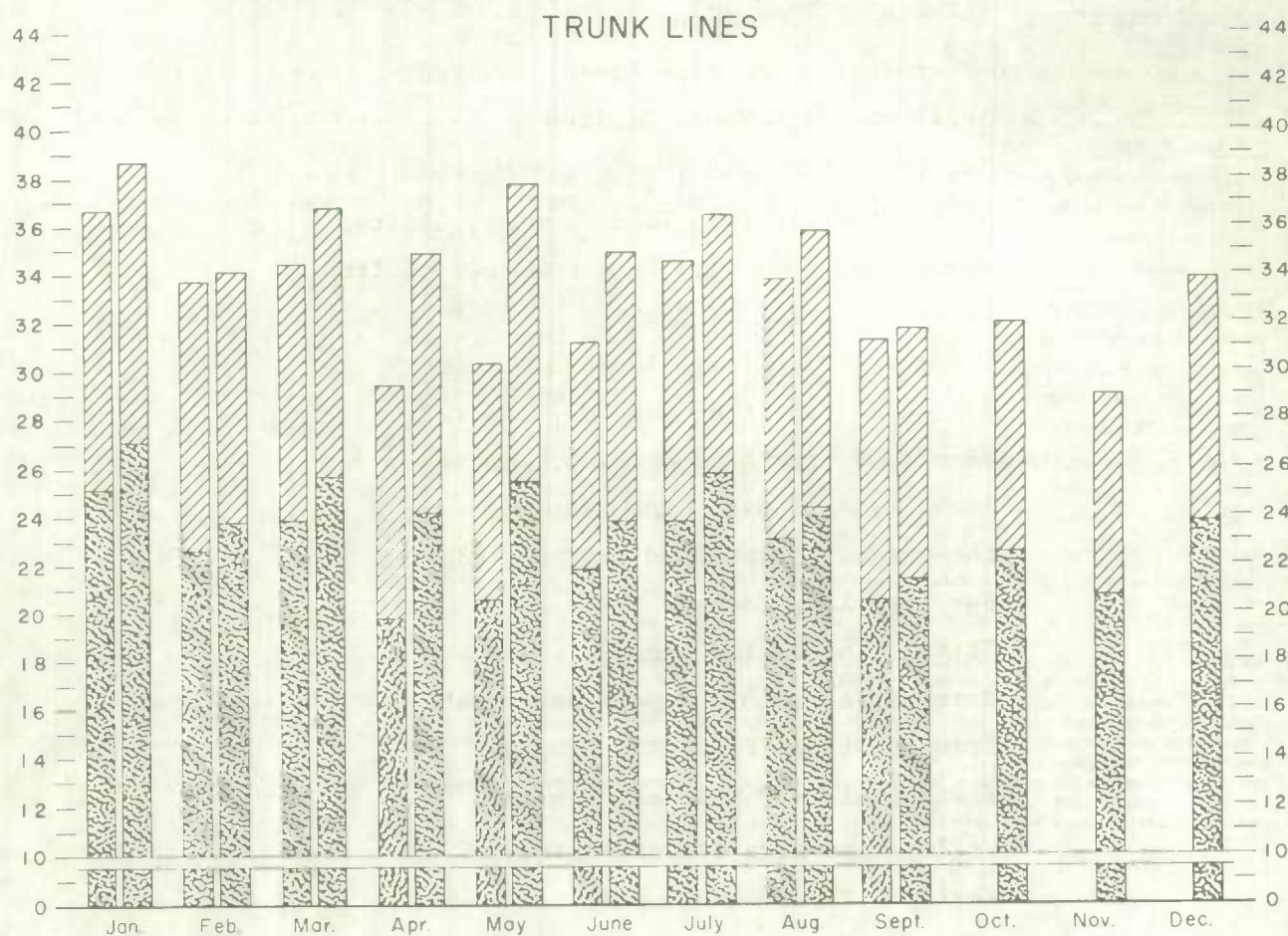
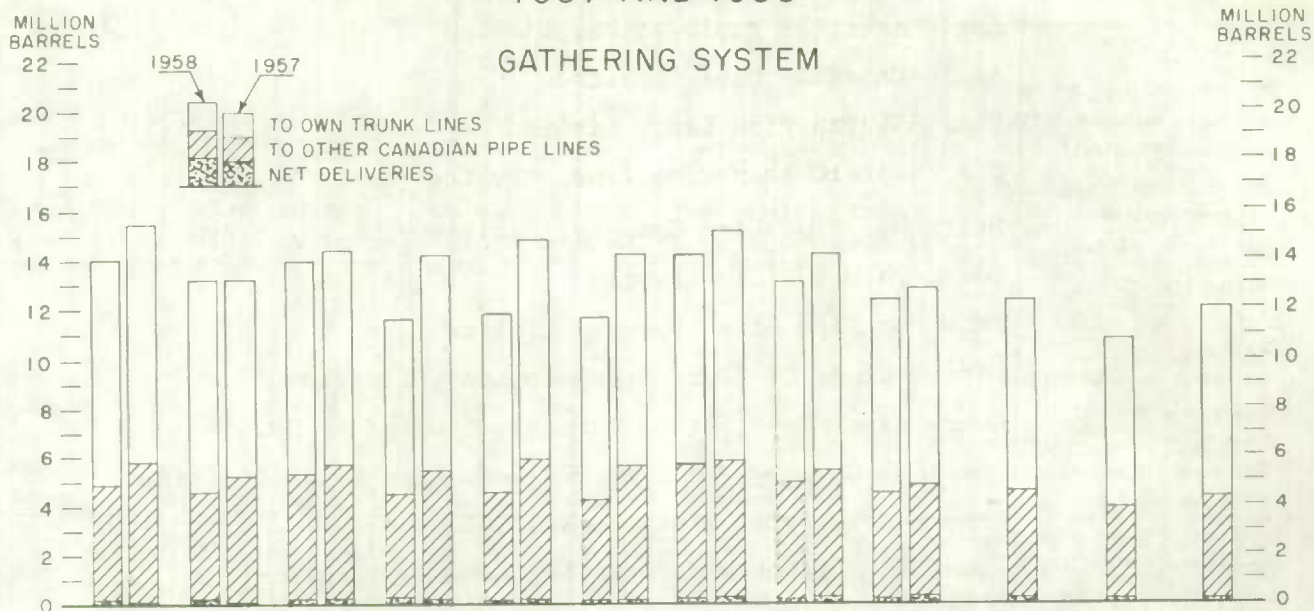
(5) Includes 31,575,384 bbls. products and 394,705 bbls. natural gasoline.

(6) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil-Sarnia Products Pipe Line Division; Key Pipe Line Co., Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company; Valley Pipe Line Company, Limited and Westspur Pipe Line Company.

(7) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Green River Exploration Company; Mobil Oil of Canada Limited and Sarnia Products Line.

(8) Includes barrel miles of short sections of line entering Canada at Sarnia.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1957 AND 1958



List of Oil Pipe Lines Reporting

Amurex Oil Company
Anglo American Exploration, Limited
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Devon-Palmer Oils, Limited
Edmonton Pipe Line Company, Limited
Gibson Crude Oil Purchasing Company, Limited
Green River Exploration Company, Limited
Home Oil Company, Limited, Cremona Pipe Lines Division
The Imperial Pipe Line Company, Limited
Imperial Oil Limited, Sarnia Products Pipe Line
Interprovincial Pipe Line Company
Key Pipe Line Company, Limited
Mid-Saskatchewan Pipe Lines, Limited
Mobil Oil of Canada, Limited
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Company, Limited
Pembina Pipe Line, Limited
Producers Pipelines, Limited
Rangeland Pipe Line Company, Limited
Saskatoon Pipe Line Company, Limited
South Saskatchewan Pipe Line Company
Sun-Canadian Pipe Line Company, Limited
Sun Pipe Line Company
Texaco Exploration Company
Trans-Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Limited
Valley Pipe Line Company, Limited
Westspur Pipe Line Company
Winnipeg Pipe Line Company, Limited

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010534394